

EXHIBIT 23

AGGREGATE PRODUCTION QUOTA HISTORY FOR SELECTED SUBSTANCES*
(in kilograms of anhydrous acid or base)

Controlled Substance	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
4-Anilino-N-phenethyl-4-piperidine											
(1)											
Alfentanil	N/A	1,100,000	1,800,000	1,800,000	2,250,000	2,687,500	2,687,500	2,250,000	1,050,000	1,342,320	1,185,000
Amobarbital	8,000	8,000	12,800	29,002	38,280	17,625	17,750	17,750	4,200	6,200	6,200
Amphetamine (conversion)	0.003	0.003	40,007	40,007	0.009	0.009	25,125	25,125	20,100	20,100	20,100
Amphetamine (sale)	7,500,000	7,500,000	8,500,000	13,300,000	22,875,000	18,375,000	21,875,000	15,000,000	12,000,000	12,000,000	12,700,000
Cocaine	247,000	247,000	216,000	216,000	240,000	240,000	275,000	200,000	103,400	92,120	92,120
Cocaine (conversion)	65,000,000	65,000,000	65,000,000	65,000,000	81,250,000	68,750,000	50,000,000	50,000,000	40,000,000	13,536,000	12,900,000
Codeine (sale)	39,605,000	39,605,000	39,605,000	39,605,000	49,506,250	46,125,000	63,900,000	63,900,000	45,000,000	36,114,260	36,114,260
Dextropropoxyphene	106,000,000	92,000,000	0.007	0.007	0.019	0.019	0.045	0.055	0.035	0.035	0.035
Dihydrocodeine	1,200,000	800,000	255,000	400,000	250,000	100,750	226,375	226,375	360,000	264,140	238,466
Diphenoxylate (for sale)	947,000	827,000	730,000	900,000	887,500	1,288,750	1,337,500	1,337,500	1,110,000	770,800	770,800
Ecgonine	83,000	83,000	83,000	83,000	144,000	174,375	174,375	125,000	99,000	88,134	88,134
Fentanyl	1,428,000	1,428,000	1,428,000	1,428,000	2,108,750	2,108,750	2,300,000	2,300,000	1,350,000	1,342,320	1,185,000
Gamma-hydroxybutyric acid	24,200,000	52,156,000	5,772,000	37,000,000	67,500,000	70,250,000	70,250,000	70,250,000	56,200,000	37,130,000	33,417,000
Hydrocodone (sale)	55,500,000	55,000,000	59,000,000	79,700,000	99,625,000	99,625,000	99,625,000	86,000,000	51,900,000	43,027,640	43,027,640
Hydromorphone	3,340,000	3,455,000	3,455,000	4,207,000	6,750,000	6,750,000	7,000,000	7,000,000	5,140,800	4,547,720	4,071,000
Levorphanol	10,000	10,000	3,600	3,600	4,500	4,625	7,125	9,525	12,900	38,000	38,000
Lisdexamfetamine	8,200,000	9,000,000	10,400,000	12,000,000	21,000,000	23,750,000	29,750,000	23,750,000	19,000,000	19,000,000	19,000,000
Marihuana	4,500,000	21,000	21,000	21,000	21,000	650,000	658,000	658,000	472,000	1,140,216	2,450,000
Meperidine	8,600,000	6,600,000	5,500,000	5,500,000	6,875,000	6,250,000	6,250,000	4,632,500	2,904,000	1,913,148	1,580,000
Methadone	25,000,000	20,000,000	20,000,000	23,100,000	33,125,000	31,875,000	31,875,000	31,875,000	23,700,000	22,278,000	22,278,000
Methadone Intermediate	26,000,000	26,000,000	26,000,000	29,970,000	40,500,000	38,875,000	34,375,000	34,375,000	28,700,000	24,064,000	24,064,000
Methamphetamine	3,130,000	3,130,000	3,130,000	3,130,000	3,912,500	2,811,375	2,061,375	2,061,375	1,539,100	1,446,754	1,446,754
l-Desoxyephedrine	680,000	750,000	750,000	750,000	987,500	1,250,000	1,250,000	1,250,000	900,000	846,000	846,000
Methamphetamine (conversion)	2,405,000	2,331,000	2,331,000	2,331,000	2,863,750	1,500,000	750,000	750,000	600,000	564,000	564,000
Methamphetamine (sale)	45,000	49,000	49,000	49,000	61,250	61,375	61,375	61,375	39,100	36,754	36,754
Methylphenidate	50,000,000	50,000,000	56,000,000	64,600,000	96,750,000	96,750,000	96,750,000	84,375,000	73,000,000	64,600,000	64,600,000
Morphine (conversion)	100,000,000	83,000,000	70,000,000	83,000,000	91,250,000	91,250,000	91,250,000	91,250,000	27,300,000	4,089,000	4,089,000
Morphine (sale)	36,300,000	39,000,000	39,000,000	48,200,000	61,125,000	62,500,000	62,500,000	62,500,000	35,000,000	29,353,676	29,353,676
Noroxymorphone (conversion)	9,000,000	9,000,000	7,200,000	7,200,000	9,000,000	17,500,000	17,500,000	17,500,000	17,700,000	17,804,670	19,169,340
Noroxymorphone (sale)	10,000	41,000	401,000	1,981,000	1,262,500	1,262,500	1,475,000	875,000	400,000	376,000	376,000
Opium (powdered)	230,000	230,000	63,000	73,000	91,250	112,500	112,500	112,500	90,000	84,600	250,000
Opium (tincture)	1,250,000	1,500,000	1,000,000	1,000,000	1,287,500	780,000	687,500	375,000	500,000	564,000	530,837
Oripavine	15,000,000	15,000,000	8,000,000	15,300,000	22,750,000	30,625,000	35,000,000	30,000,000	28,900,000	26,629,500	28,705,000
Oxycodone (conversion)	4,500,000	5,600,000	5,600,000	7,600,000	10,250,000	9,250,000	8,350,000	5,000,000	2,610,000	2,453,400	2,081,000
Oxycodone (sale)	94,000,000	105,500,000	98,000,000	105,200,000	153,750,000	149,375,000	141,375,000	139,150,000	101,500,000	79,596,606	79,596,606
Oxymorphone (conversion)	12,000,000	12,800,000	12,800,000	12,800,000	18,375,000	25,000,000	29,000,000	25,000,000	23,000,000	20,962,000	24,525,540
Oxymorphone (sale)	2,570,000	3,070,000	3,070,000	5,500,000	7,000,000	7,750,000	7,750,000	6,250,000	3,600,000	3,137,240	2,880,000
Pentobarbital	28,000,000	28,000,000	34,000,000	34,000,000	42,500,000	35,000,000	35,000,000	38,125,000	27,500,000	25,850,000	25,850,000
Phenylacetone	250,001	12,500,001	8,000,000	16,000,000	42,393,750	215,003	215,003	0.050	0.040	0.040	0.040
Secobarbital	67,000	67,000	336,002	336,002	215,003	215,003	215,003	243,380	172,002	172,005	172,100
Sufentanil	10,300	7,000	5,000	6,732	6,880	6,255	6,255	6,255	4,000	1,880	4,000
Tapentadol (2)	1,000,000	403,000	5,400,000	5,400,000	13,750,000	17,500,000	12,500,000	25,500,000	18,600,000	18,388,280	18,388,280
Tetrahydrocannabinols	312,500	264,000	393,000	393,000	491,000	491,000	511,250	511,250	409,000	384,460	384,460
Thibaine	126,000,000	126,000,000	116,000,000	116,000,000	145,000,000	145,000,000	125,000,000	125,000,000	100,000,000	84,600,000	84,600,000

* DEA publishes a complete list of Schedule I and II controlled Substance Aggregate Production Quotas in the Federal Register.

(1) 4-Anilino-N-phenethyl-4-piperidine became a schedule II controlled substance August 30, 2010 (75 FR 37298)

(2) Tapentadol became a schedule II controlled substance June 22, 2009 (74 FR 23798)

Updated

January 22, 2019

